



State of New Hampshire  
DEPARTMENT OF ENVIRONMENTAL SERVICES

6 Hazen Drive, P.O. Box 95, Concord, NH 03302-0095  
(603) 271-3406 FAX (603) 271-7894



September 18, 2002  
Letter of Deficiency  
DAM #162.04

Mr. J. Thornhill  
P.O. Box 104  
220 King Street  
Franklin, NH 02038

RE: Tyler Tree Farm Dam, Monroe

Dear Mr. Thornhill

The Department of Environmental Services, Dam Bureau (DES) consistently strives to enhance the safety of dams in New Hampshire through its dam safety program. One of the many instruments that plays a part in reaching this goal is our inspection program. DES is forwarding this correspondence to you to advise you that in accordance with RSA 482:12 and Env-Wr 502.02, an inspection of the subject dam was conducted on October 9, 2001. During this visual inspection and/or file review, the following deficiencies were observed:

The crest of the dam has a gravel road across it;

- 2 There is brush along the toe and heel of the dam;

There is no operation and maintenance plan (O&M) on file with the DES; and

- 4 There is no Emergency Action Plan (EAP) on file with the DES

DES believes that the above deficiencies can be corrected by performing the following items by the indicated schedule:

**December 31, 2002:**

1. Remove the brush along the downstream embankment within 10 feet of the toe of the dam

Prepare and submit to the DES a written O&M plan. The plan should describe the control of impoundment levels, monitoring and maintenance procedures, and identify emergency contact personnel; and

Draft an EAP. For more instruction relative to the EAP you can contact our EAP coordinator Bethann McCarthy;

**June 1, 2003:**

4. Establish a vegetative cover on the crest of the dam; and

**November 1, 2003:**

- 5 An internal inspection of the low-level outlet pipe and the drop inlet is recommended. Please forward the results to the DES.

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Due to the time that has lapsed as well as additional deficiencies observed as a result of the October 9, 2001 inspection, DES will be officially closing out the 1998 LOD. Enclosed is a copy for your reference. It is our hope that the additional deficiencies as well as the outstanding deficiencies will be addressed within the schedule indicated above.

DES is requesting that you complete and submit the attached "Intent to Complete Repairs" form, within 30 days of receipt of this letter, that will provide for correction of the identified deficiencies by the date(s) indicated above. If you believe changes to the items of work or dates are necessary, please make the changes directly on the form and provide a brief explanation. We have enclosed a self addressed stamped envelope for you to return this form.

Our intent in sending you this correspondence is to make you aware of items that DES believes warrant your attention to insure the continued safe operation of your dam. It is our hope that, through the submittal of the attached form and a commitment to keeping a well-maintained dam, you will voluntarily comply with the requested items of work. If we do not receive the intent form or a similarly adequate written reply, we will assume that you are in agreement with our findings and recommendations and DES will carry out follow-up inspections accordingly.

If you have any questions or comments regarding this Letter of Deficiency or would like to be present at future inspections, please contact me at 271-3406, or write to the Water Division at the address listed on the top of the previous page.

Sincerely,

**COPY**  
*Amy C. Clark*

Amy C. Clark, P.E.  
Dam Safety Engineer

Attachments Guideline for an O&M plan, Copy of 1998 LOD, DB8, DB13

cc: Gretchen Rule ✓

Town of Monroe

Bethann McCarthy, EAP Coordinator

Certified # 7000 1670 0000 0586 0837

ACC/was/h:/safety/wendy/lod/162-04lod.doc



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Department of Environmental Services  
State Dam Safety Program  
Water Division, Dam Bureau  
6 Hazen Drive, P.O. Box 95  
Concord, NH 03302-0095

**Intent to Complete Repairs**  
DAM #162.04  
DAM Tyler Tree Farm Dam

RE Letter of Deficiency Issued on September 18, 2002

Dear Dam Safety Program

In response to the above referenced Letter of Deficiency (LOD), I concur with the Department of Environmental Service's recommendations, and specifically agree to complete the following items by the indicated schedule.

**DATE: December 31, 2002**

1. Remove the brush along the downstream embankment within 10 feet of the toe of the dam;
2. Prepare and submit to the DES a written O&M plan. The plan should describe the control of impoundment levels, monitoring and maintenance procedures, and identify emergency contact personnel;
3. Draft an EAP. For more instruction relative to the EAP you can contact our EAP coordinator Bethann McCarthy;

**DATE: June 1, 2003**

4. Establish a vegetative cover on the crest of the dam; and

**DATE: November 1, 2003**

5. An internal inspection of the low-level outlet pipe and the drop inlet is recommended. Please forward the results to the DES.

In lieu of the above, you may propose adjustments to the content or schedule associated with the requested repairs/work. (please state reasons for proposal and use reverse side if more space is needed)

Signature of Owner \_\_\_\_\_

\_\_\_\_\_ (print name)

Date:

ENG:- ACC